

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
11 January 2001 (11.01.2001)

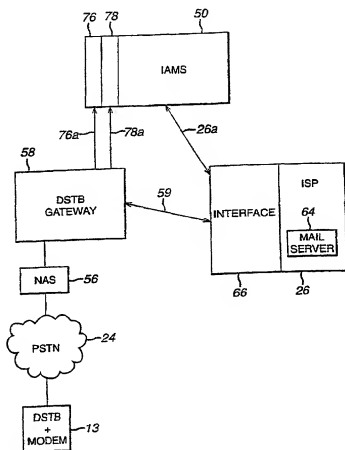
PCT

(10) International Publication Number
WO 01/03421 A1

- (51) International Patent Classification: H04N 5/00, 7/14, 7/16, 7/173
- (21) International Application Number: PCT/IB00/00968
- (22) International Filing Date: 3 July 2000 (03.07.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
99401680.6 5 July 1999 (05.07.1999) EP
99401889.3 23 July 1999 (23.07.1999) EP
- (71) Applicant (for all designated States except US): CANAL+ SOCIETE ANONYME [FR/FR]; 85/89, quai Andre Citroen, F-75711 Paris Cedex 15 (FR).
- (72) Inventor; and
(75) Inventor/Applicant (for US only): LEBOUILL, Gilles [FR/FR]; Canal Technologies Societe Anonyme, 34, place Raoul Dautry, F-75516 Paris Cedex 15 (FR).
- (74) Agents: COZENS, Paul, Dennis et al.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European

[Continued on next page]

(54) Title: COMMUNICATION METHODS AND APPARATUS



(57) Abstract: A method of authenticating communication between a receiver/decoder and a remote server is disclosed. The method comprises using an identifier of the receiver/decoder to authenticate the communication, the identifier being based on a smartcard number. Also disclosed is a gateway which is adapted to receive data from a receiver/decoder, which data are not in internet protocol, and to convert said data into internet protocol for transmission to an internet service provider.

WO 01/03421 A1

204010-3273-001